MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

SEPTEMBER, 1936

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

SEPTEMBER 1936
METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	58.4	57.3	57.7	57.8	32.0	23.6	29.6	30.6	25.7	28.6
2	7.1	6.4	6.6	6.7	31.9	23.4	29.1	31.4	25.1	28.5
3	6.8	6.1	5.8	6.2	33.2	23.4	29.5	32.9	26.5	29.6
4	6.1	5.6	5.2	5.7	32.9	23.2	28.9	31.8	26.2	29.0
5	5.7	5.2	5.0	5.3	32.7	23.3	29.6	32.2	25.8	29.2
6	54.8	54.5	55.0	54.8	32.4	23.2	29.1	31.8	26.2	29.0
7	5.0	4.5	5.1	4.9	33.0	23.6	31.6	32.3	26.7	30.2
8	5.6	5.4	6.0	5.7	32.0	23.3	28.8	31.3	26.3	28.8
9	6.7	6.9	7.4	7.0	30.9	23.6	26.9	30.6	25.4	27.6
10	4.8	6.0	6.2	5.7	31.0	23.3	28.1	29.6	25.6	27.8
11	56.4	56.1	56.2	56.2	31.8	23.8	28.5	30.7	25.2	28.1
12	6.7	6.2	6.6	6.5	31.1	23.1	27.9	29.6	25.3	27.6
13	6.9	7.0	7.6	7.2	31.0	22.3	28.2	30.3	25.1	28.2
14	7.6	7.1	8.9	7.9	31.0	22.2	26.3	30.1	25.5	27.6
15	9.3	9.4	9.9	9.5	30.3	22.3	27.5	29.1	24.5	27.0
16	60.7	60.6	60.6	60.6	29.7	22.4	26.7	27.1	25.1	26.3
17	1.4	0.6	0.2	0.7	30.1	22.4	27.3	28.4	25.7	27.1
18	59.8	58.7	58.2	8.9	29.4	21.2	28.1	27.8	24.6	26.8
19	8.6	9.4	60.6	9.5	30.8	21.0	27.4	28.7	24.6	26.9
20	62.9	63.7	4.7	3.8	27.3	21.7	22.5	26.8	24.1	24.5
21	65.6	64.5	64.2	64.8	29.2	21.9	26.6	28.4	24.3	26.4
22	2.1	1.3	0.6	1.3	31.2	21.7	27.6	28.4	25.5	27.2
23	0.2	59.0	9.3	59.5	31.6	22.2	26.5	30.2	25.3	27.5
24	0.3	9.0	9.3	9.5	30.1	21.7	27.5	28.1	24.1	26.6
25	59.5	8.4	9.0	9.0	30.1	21.1	25.6	29.5	23.0	26.0
26	59.0	58.8	59.3	59.0	28.9	20.6	25.8	28.2	23.1	25.7
27	9.6	9.1	9.7	9.5	28.6	20.7	25.9	28.1	22.6	25.5
28	61.0	60.8	61.3	61.0	29.0	20.6	25.9	28.6	21.9	25.5
29	2.5	1.6	63.0	2.4	29.9	20.6	25.7	28.9	23.3	26.0
30	2.9	1.8	2.1	2.3	29.7	20.8	25.9	28.9	23.5	26.1
	758.80	758.37	758.71	758.63	30.76	22.27	27.49	29.68	24.86	27.36

Barometer, range for month 754.5 mm.–765.6 mm.
,, 50-yr. average for month 758.957 mm.
Thermometer, Range for month 20.6° C.—33.2° C.
,, 50-yr. average for month 27.13° C.
Rain, total for month 8.077 mm.
,, , 50-yr. average for month 7.37 mm.
,, , total, Sept. 1st to end of month 8.077 mm.
50-yr. average, Sept 1st to end of month 7.37 mm

SEPTEMBER 1936
METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	21.5	22.6	21.2	13.8	14.9	15.4	14.7	44	45	62	50	10.6	
2	20.7	23.7	21.3	12.9	16.2	16.0	15.0	43	46	68	52	11.4	
3	23.2	25.1	24.1	16.4	17.6	20.2	18.0	54	46	78	59	11.2	
4	23.9	25.2	22.9	18.1	18.4	18.2	18.2	60	52	72	61	11.7	
5	24.5	24.7	22.8	18.7	17.8	18.2	18.2	60	51	73	61	11.7	
6	24.1	26.3	24.1	18.2	20.6	20.5	19.8	60	58	81	66	11.8	
7	24.4	25.7	23.9	17.1	19.2	19.3	18.6	49	54	72	58	11.6	
8	23.9	24.6	22.8	18.2	17.8	17.9	18.0	60	52	70	61	11.4	
9	21.8	26.1	21.5	15.7	21.1	16.2	17.6	58	65	67	63	10.0	8.077
10	22.3	22.5	21.3	15.8	15.3	15.6	15.6	55	50	64	56	10.7	
11	22.6	23.9	22.4	16.0	17.0	17.9	17.0	55	51	75	60	10.0	
12	23.3	23.4	21.8	17.6	16.7	16.8	17.0	63	54	70	62	10.3	
13	22.6	23.6	20.4	16.3	16.7	14.6	15.8	57	52	62	57	9.3	
14	20.5	22.8	21.2	14.0	15.5	15.5	15.0	55	49	63	56	9.7	
15	21.7	22.3	20.8	15.2	15.2	15.6	15.3	55	50	69	58	10.4	
16	21.2	21.5	20.9	14.8	15.1	15.4	15.1	56	56	66	59	8.7	
17	21.5	22.1	18.9	15.0	15.2	12.1	14.1	55	53	49	52	11.4	
18	20.9	19.6	18.4	12.9	12.0	11.9	12.3	48	43	51	47	11.4	
19	19.3	23.6	18.7	11.8	17.7	12.3	13.9	43	60	54	52	11.4	
20	16.8	18.3	17.9	10.9	10.8	11.6	11.1	53	40	52	48	11.4	
21	18.2	21.1	19.6	10.7	13.7	13.8	12.7	40	48	61	50	8.0	
22	20.2	22.5	21.7	12.8	15.9	16.5	15.1	47	56	67	57	11.0	
23	20.9	23.6	20.8	15.2	16.7	15.1	15.7	63	54	63	60	11.0	
24	23.3	23.9	21.4	17.9	18.7	16.9	17.8	66	66	76	69	11.1	
25	19.3	22.7	20.1	12.8	15.7	15.3	14.9	52	52	73	59	11.3	
26	20.7	21.6	19.3	14.5	14.7	14.0	14.4	58	52	67	59	10.7	
27	20.1	21.9	19.8	13.5	15.2	15.2	14.6	54	54	75	61	10.0	
28	19.7	22.4	20.0	13.1	15.6	16.0	14.9	53	53	82	63	10.9	
29	21.7	23.3	20.9	16.3	16.9	16.6	16.6	66	57	78	67	10.8	
30	20.9	23.3	21.7	14.9	16.9	17.9	16.6	60	57	83	67	10.8	
				15.03	16.35	15.94	15.79	54.7	52.5	68.1	58.4	10.72	0.269

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

SEPTEMBER 1936
METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	3stcu	1cu	7stcu	3.7	1sw	2sw	0	172.5	slight	
2	0	6stcu	0	2.0	1sw	2w	0	133.8	mod.	
3	0	0	0	0.0	1w	1sw	0	116.5	slight	
4	0	0	0	0.0	1sw	1sw	0	63.1	„	
5	0	0	0	0.0	0	1sw	0	42.6	light	
6	0	0	0	0.0	1w	1sw	0	78.8	calm	
7	1cu	3cu	0	1.3	2sw	1sw	1sw	238.7	slight	
8	2cu	0	1cu	1.0	2sw	2sw	2sw	410.0	„	
9	5stcu	1cu	3stcu	3.0	1w	1sw	1sw	174.1	mod.	
10	6stcu	4stcu	7stcu	5.7	1sw	1sw	0	74.0	„	
11	8stcu	2stcu	1cu	3.7	1sw	1sw	0	66.0	slight	
12	3cu	6stcu	1cu	3.3	0	1sw	0	47.5	light	
13	4stcu	6stcu	0	3.3	2sw	2sw	1sw	204.2	mod.	water spout 9 a.m.
14	5stcu	2cu	8cu	5.0	2sw	1sw	2sw	343.3	„	
15	3stcu	5stcu	3stcu	3.7	1sw	2sw	0	204.6	„	
16	2stcu	7stcu	8stcu	5.7	1sw	1sw	1sw	142.4	„	
17	1cuci	2stcu	0	1.0	1sw	3n	4n	495.9	rough	strong N. wind
18	0	0	0	0.0	1sw	3n	3n	622.4	„	„ „ „
19	0	2stcu	0	0.7	0	2nw	4n	430.9	mod.	„ „ „
20	0	0	0	0.0	4n	4n	5n	856.3	stormy	„ „ „
21	0	0	0	0.0	1n	3n	3n	600.7	rough	
22	0	0	0	0.0	0	2n	2n	374.9	mod.	
23	0	0	0	0.0	0	1nw	2n	177.0	slight	
24	0	0	0	0.0	1n	2n	1n	287.1	„	
25	0	0	0	0.0	1w	1nw	1s	61.1	calm	
26	4cu	2cu	1cu	2.3	2sw	2w	1s	193.1	slight	
27	1cu	3stcu	4stcu	2.7	1n	1sw	0	148.2	light	
28	0	0	0	0.0	1sw	1sw	0	56.5	calm	
29	0	0	0	0.0	0	0	0	18.5	„	
30	0	0	0	0.0	0	1n	1n	134.2	„	
					31	47	35			
				1.60	1.0	1.6	1.2	232.29		

2 5 3

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	4	0	0	0	0	15	4	0	7	30
14:30	7	0	0	0	0	17	2	3	1	30
20:30	9	0	0	0	2	6	0	0	13	30
Totals	20	0	0	0	2	38	6	3	21	90

Number of days with rain 1, fog 0, thunderstorms 0, gales 0.

50-yr. average number of days with rain during month 1.2